

*Sub* -- 28. A vaccine composition according to claim 14, which is  
*24* in unit dosage form. --.

-- 29. A test kit for the diagnosis of *Eimeria* infection, comprising an antibody or derivative thereof according to claim 18. --

*A* 8 -- 30. A test kit for the diagnosis of *Eimeria* infection, comprising an immunological reagent according to claim 19. --

-- 31. A method of making a vaccine composition, comprising admixing a vector according to claim 10 with one or more pharmaceutically acceptable carriers. --

-- 32. A method of making a vaccine composition, comprising admixing the composition according to claim 1 with one or more pharmaceutically acceptable carriers. --

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IN THE ABSTRACT:

Please delete "VACCINES" above the first paragraph of the Abstract.

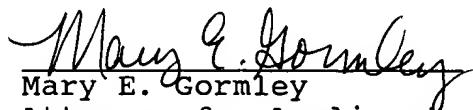
REMARKS

Claims 1 - 15, 18, 19 and 21 are amended, claims 16, 17 and 20 are canceled, and claims 22 - 32 are added, hereby. Claims 1 - 15, 18, 19, and 21 - 32 are presented for examination.

It is believed that claims 1 - 15, 18, 19, and 21 - 32 recite a patentable improvement in the art. Favorable action is

solicited. In the event any fees are required with this paper,  
please charge our Deposit Account No. 02-2334.

Respectfully submitted,

  
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